

WHAT IS CLAIMED IS:

1. A position control method for feed drive equipment in which a plurality of feed drive mechanisms disposed in parallel for feeding a movable body are individually driven by servo motors, the position control method comprising: detecting torque of the servo motors, and correcting position commands of the servo motors in dependence on the detected torque so that the servo motors have matching torque.

5 2. A position control method for feed drive equipment according to claim 1, wherein torque of the servo motors are matched to an average of the detected torque.

10 3. A position control method for feed drive equipment according to claim 1, wherein torque of one servo motor is matched to the detected torque of another servo motor.

4. A position control method for feed drive equipment according to claim 1, wherein a value of a torque command to be input to a current controller of each servo motor is detected as the torque of the servo motor.

15 5. A position control system for feed drive equipment in which a plurality of feed drive mechanisms disposed in parallel for feeding a movable body are individually driven by servo motors, the position control system comprising: a controller for detecting torque of the servo motors, and correcting position commands of the servo motors in dependence on the detected torque so that the servo motors have matching torque.

20 6. A position control system for feed drive equipment according to claim 5, wherein the controller makes torque of the servo motors match to an average of the detected torque.

25 7. A position control system for feed drive equipment according to claim 5, wherein the controller makes torque of one servo motor match to the detected torque of another servo motor.

8. A position control system for feed drive equipment according to claim 5, wherein the controller detects a value of a torque command to be input to a current controller of each servo motor, as the torque of the servo motor.